

Dual Mode CMOS Internet Camera

ICA-151

Version 1.1

Quick Installation Guide

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1. PACKAGE CONTENTS

- 1 x ICA-151
- 1 x Camera Stand
- 1 x Power Adapter
- 1 x CD-ROM
- 1 x Quick Installation Guide



Note

Please use the power adapter in this package. Using a power supply with a different voltage rating will damage and void the warranty for this product.

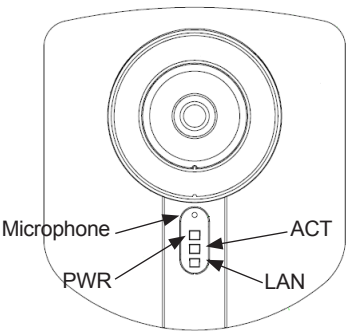
2. SYSTEM REQUIREMENTS

Network Interface	10/100 Base-TX Ethernet
Monitoring System	Recommended for Internet Explorer 6.0 or later
System Hardware	<ul style="list-style-type: none">• CPU: Pentium 4, 1.5GHz or above• Memory Size : 512 MB or above• VGA card resolution : 1024 x 768 or above• Network bandwidth: In VGA resolution mode, minimum upload bandwidth is 1Mbps. Optional: <ul style="list-style-type: none">• Sound Card• Microphone (for PC)• Speaker (for PC and ICA-151)

3. OUTLOOK

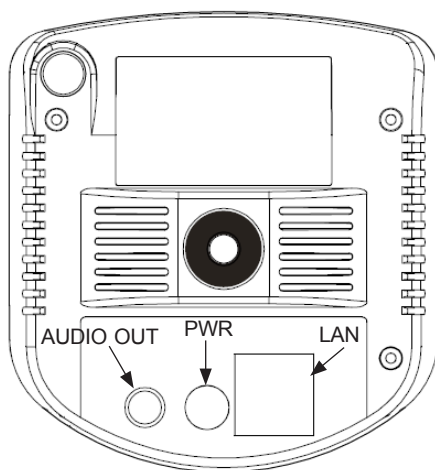


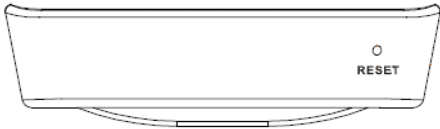
3.1 Front Panel



LED	Status	LED Description
PWR	Off	No power.
	On	Power on.
	Blinking	The Power LED will blink during start up (15 ~ 20 sec).
ACT	Off	Camera is not capturing video.
	Blinking	Camera is capturing video.
LAN	Off	LAN is not connected or camera is not sending/receiving data.
	Blinking	Data is being transmitted or received via the LAN connection.

3.2 Rear Panel



PORT	PORT Description
AUDIO OUT	An external speaker can be plugged in.
PWR	Connect the supplied power adapter.
LAN	Connect your Camera to a 10/100Base-TX hub or switch.
Reset	<p>Reset to manufacturer default valued and reboot. When pressed and held over 10 seconds, the settings of IP Camera will be set to the default values. Upon completion, the PWE LED will blink three times.</p>  <p>Bottom Panel of ICA-151</p>

4. Physical Installation

1. Connect an Ethernet cable

Connect one end of an Ethernet cable to the LAN port located on the IP camera's rear panel and connect the other end to the network device (hub or switch).

2. Attach the external power supply

Attach the provided power adapter to the IP camera's connector labeled "PWR" on the rear panel.

3. Check the LEDs

- a. The Power LED will turn on briefly, and then start blinking during startup. After startup is completed, the Power LED will remain ON.
- b. The LAN LED will be ON.

5. Setup Wizard Configuration

Initial setup should be performed by using the supplied Windows-based Setup Wizard as follows:

1. Insert the bundled Product CD disk into CD-ROM drive to launch the autorun program.
2. After the web page displayed, click the **"Setup Wizard"** hyperlink on the list to start the configuration process.




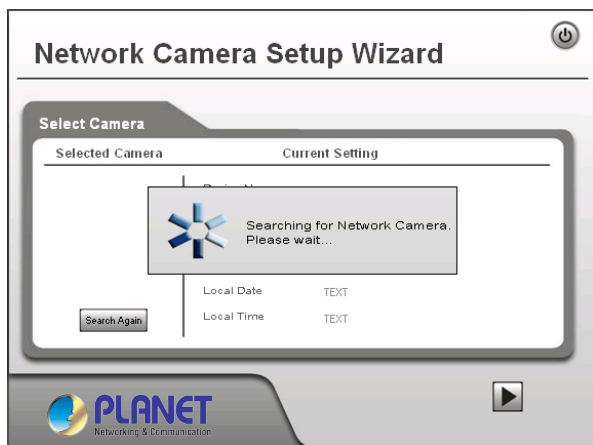
Note


If the web page does not appear, click "Start" on the task bar and select "Run" to type **"X:\Utility\SetupWizard\SetupWizard.exe"**, assume X is your CD-Rom drive.

3. The welcome screen appears. Click on **"Setup Camera"** button to start the wizard.



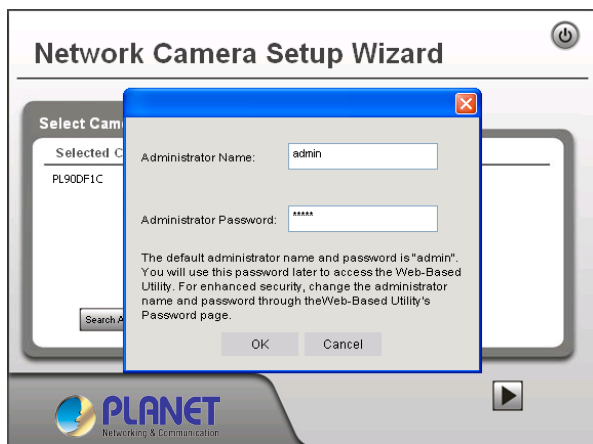
4. After clicking the setup camera button, it will auto search for the IP Cameras on your network. Click on  to continue.




5. The next screen below will list the IP Camera on your network. Select it from the list on the left side, the current settings table will be displayed on the right side. Click on  to continue.




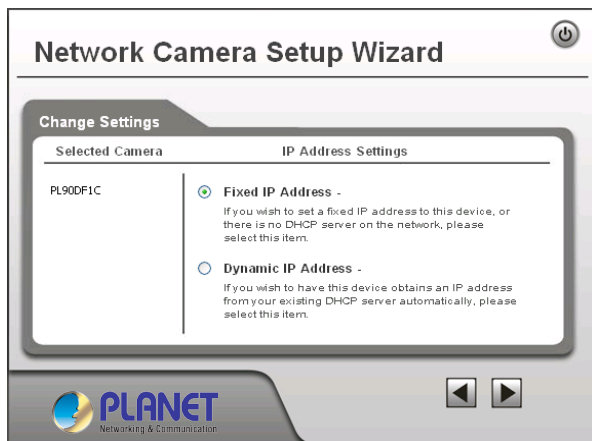
6. The administrator login window will pop up. If the Administrator Name and Administrator Password have been set, you will be prompted to enter them. If using the default values, please enter **"admin"** for both the name and the password. Click on **"OK"** to continue.



7. On the following Camera Settings screen, you can fill and configure the Device Name, Description, Time Zone, Local Date and time here. Click on  to continue.



8. You can choose **"Fixed IP Address"** or **"Dynamic IP Address"** here. Click on  to continue.



The screenshot shows the 'Network Camera Setup Wizard' window. The title bar says 'Network Camera Setup Wizard'. Below the title bar, there's a 'Change Settings' tab. Under this tab, there are two sections: 'Selected Camera' and 'IP Address Settings'. The 'Selected Camera' section shows 'PL90DF1C'. The 'IP Address Settings' section has two radio buttons: 'Fixed IP Address' (which is selected) and 'Dynamic IP Address'. Below each radio button is a brief explanation. At the bottom of the window, there's the PLANET logo and two navigation buttons (back and next).

Network Camera Setup Wizard

Change Settings


Selected Camera	IP Address Settings
PL90DF1C	<p><input checked="" type="radio"/> Fixed IP Address - If you wish to set a fixed IP address to this device, or there is no DHCP server on the network, please select this item.</p> <p><input type="radio"/> Dynamic IP Address - If you wish to have this device obtain an IP address from your existing DHCP server automatically, please select this item.</p>

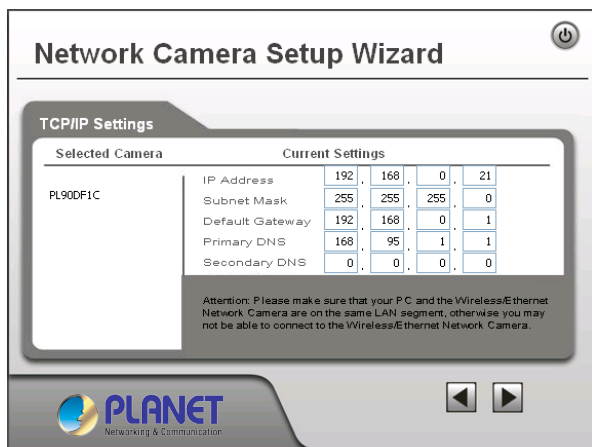
PLANET Networking & Communication



Note

1. Fixed IP Address is recommended, and can always be used.
2. Dynamic IP Address can only be used if your LAN has a DHCP Server.

9. If you chose to use Fixed IP Address, the following TCP/IP Settings screen will be displayed. You can configure the IP Address, Subnet Mask, Default Gateway, Primary and secondary DNS. Click on  to continue.



The screenshot shows the 'Network Camera Setup Wizard' window. The title bar says 'Network Camera Setup Wizard'. Below the title bar, there's a 'TCP/IP Settings' tab. Under this tab, there are two sections: 'Selected Camera' and 'Current Settings'. The 'Selected Camera' section shows 'PL90DF1C'. The 'Current Settings' section is a table with columns for IP Address, Subnet Mask, Default Gateway, Primary DNS, and Secondary DNS. The values are: IP Address (192, 168, 0, 21), Subnet Mask (255, 255, 255, 0), Default Gateway (192, 168, 0, 1), Primary DNS (168, 95, 1, 1), and Secondary DNS (0, 0, 0, 0). Below the table, there's an attention message. At the bottom of the window, there's the PLANET logo and two navigation buttons (back and next).



Network Camera Setup Wizard

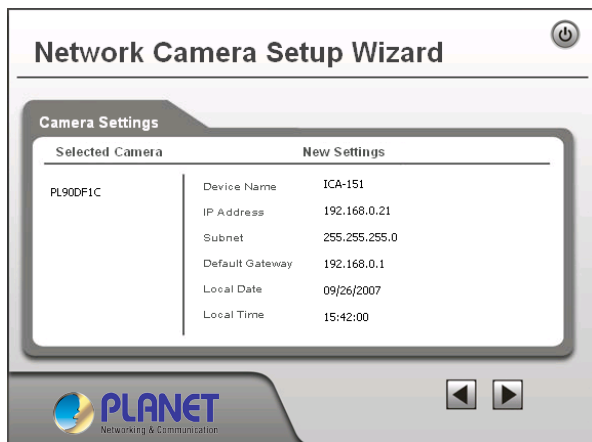
TCP/IP Settings

Selected Camera	Current Settings																									
PL90DF1C	<table border="1"><tr><td>IP Address</td><td>192</td><td>168</td><td>0</td><td>21</td></tr><tr><td>Subnet Mask</td><td>255</td><td>255</td><td>255</td><td>0</td></tr><tr><td>Default Gateway</td><td>192</td><td>168</td><td>0</td><td>1</td></tr><tr><td>Primary DNS</td><td>168</td><td>95</td><td>1</td><td>1</td></tr><tr><td>Secondary DNS</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table>	IP Address	192	168	0	21	Subnet Mask	255	255	255	0	Default Gateway	192	168	0	1	Primary DNS	168	95	1	1	Secondary DNS	0	0	0	0
IP Address	192	168	0	21																						
Subnet Mask	255	255	255	0																						
Default Gateway	192	168	0	1																						
Primary DNS	168	95	1	1																						
Secondary DNS	0	0	0	0																						

Attention: Please make sure that your PC and the Wireless/Ethernet Network Camera are on the same LAN segment, otherwise you may not be able to connect to the Wireless/Ethernet Network Camera.

PLANET Networking & Communication

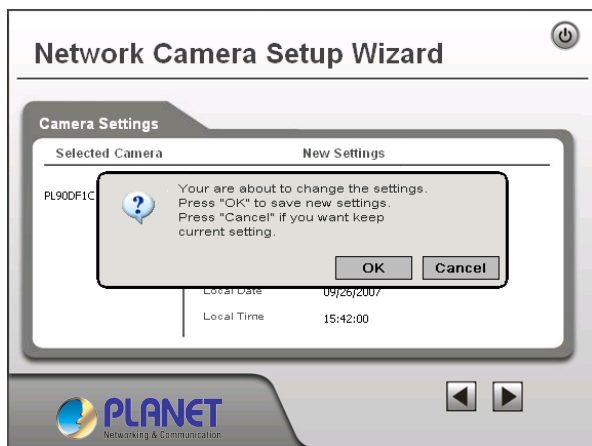
10. The next screen below will display all details of the IP Camera. Click on  to continue if those settings are correct, or click on  back to modify any incorrect values.



The screenshot shows the 'Network Camera Setup Wizard' window. At the top, it says 'Network Camera Setup Wizard' with a power icon. Below is a 'Camera Settings' tab. It has two columns: 'Selected Camera' and 'New Settings'. Under 'Selected Camera', it lists 'PL900F1C'. Under 'New Settings', it lists: Device Name (ICA-151), IP Address (192.168.0.21), Subnet (255.255.255.0), Default Gateway (192.168.0.1), Local Date (09/26/2007), and Local Time (15:42:00). At the bottom left is the 'PLANET' logo. At the bottom right are two navigation buttons: a left arrow and a right arrow.

Selected Camera	New Settings
PL900F1C	Device Name ICA-151
	IP Address 192.168.0.21
	Subnet 255.255.255.0
	Default Gateway 192.168.0.1
	Local Date 09/26/2007
	Local Time 15:42:00

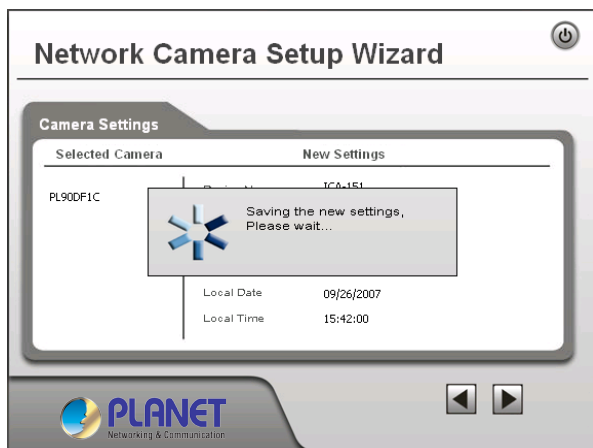
11. In this confirmation window below, click on **"OK"** to confirm that you want to save the new settings. If you want to cancel your changes, please click on **"Cancel"**.



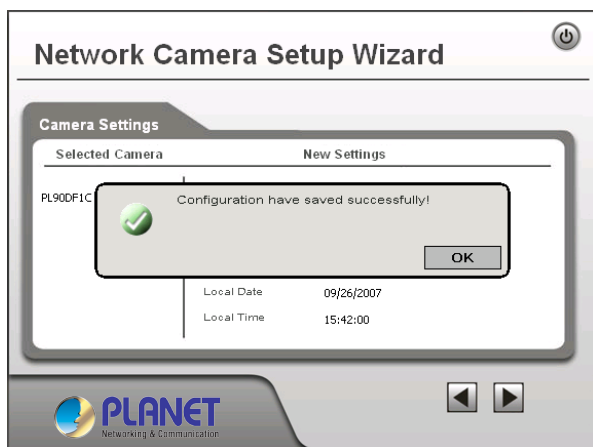
The screenshot shows the same 'Network Camera Setup Wizard' window, but with a confirmation dialog box overlaid. The dialog box has a question mark icon and the text: 'Your are about to change the settings. Press "OK" to save new settings. Press "Cancel" if you want keep current setting.' Below the text are two buttons: 'OK' and 'Cancel'. The background settings are partially visible through the dialog box.

Selected Camera	New Settings
PL900F1C	Device Name ICA-151
	IP Address 192.168.0.21
	Subnet 255.255.255.0
	Default Gateway 192.168.0.1
	Local Date 09/26/2007
	Local Time 15:42:00

12. After confirming, the wizard will start to save the new settings as below screen.



13. When the saving process is completed, the prompt window will be displayed as below screen. Click on "OK" to finish.



14. The setup wizard now is completed. Click on **"Exit"** to close the setup wizard.



After modifications, you may now connect the IP camera with the new configuration via web browser.

6. Cam Viewer Lite Installation



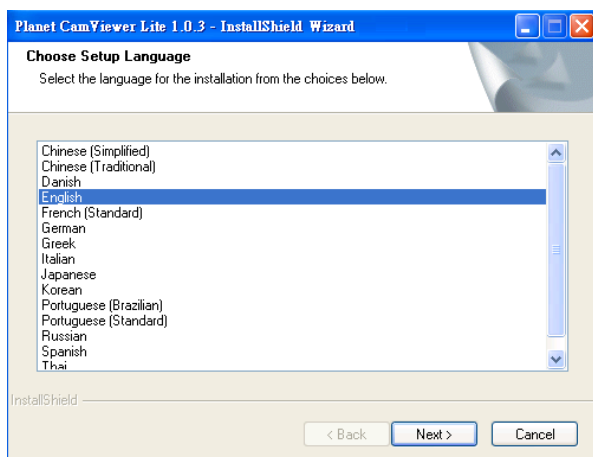
The Cam Viewer Lite / Pro 30 days trial version installation steps are similar. Below is the installation of Cam Viewer Lite.

1. Insert the bundled Cam Viewer CD disk into the CD-ROM drive to launch the autorun program. Once completed, a welcome menu screen will appear. Click the "Cam Viewer Lite" hyperlink, the below InstallShield Wizard dialog box will appear.

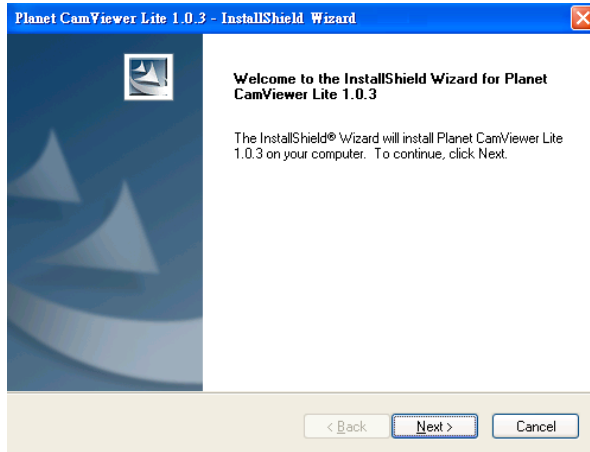


If the welcome screen does not appear, click "Start" at the taskbar. Then, select "Run" and type "X:\Cam Viewer Lite\setup.exe", assume "X" is your CD-ROM drive.

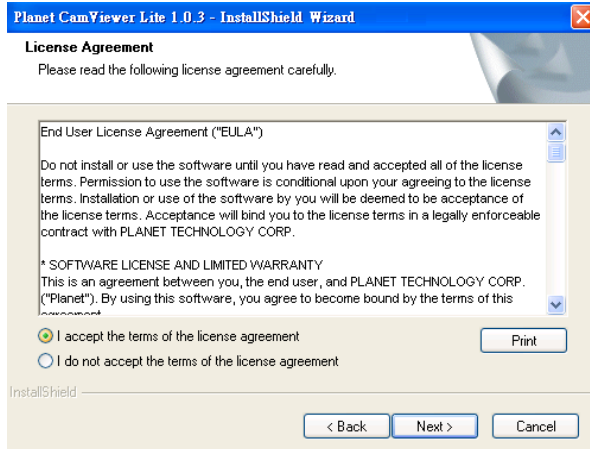
2. Selects the language which you want, Cam Viewer is current including fifteen languages. Please select one of the language and click "Next" to continue.



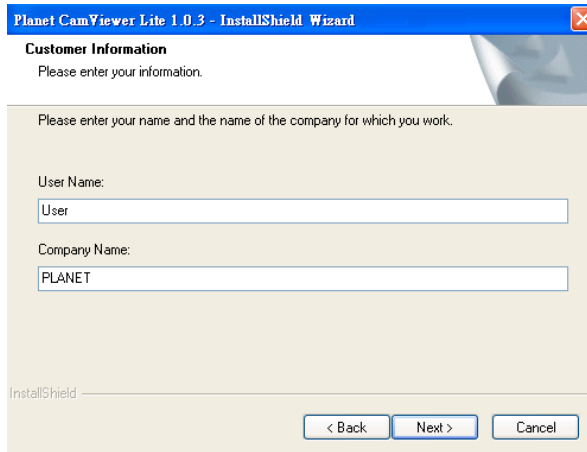
3. The "Welcome to the InstallShield Wizard for Planet Cam Viewer Lite 1.0.3" will display on the screen, please click "Next".



4. Please read the license agreement and then check "I accept the terms of the license agreement" if you are agreed and click "Next" to continue the installation

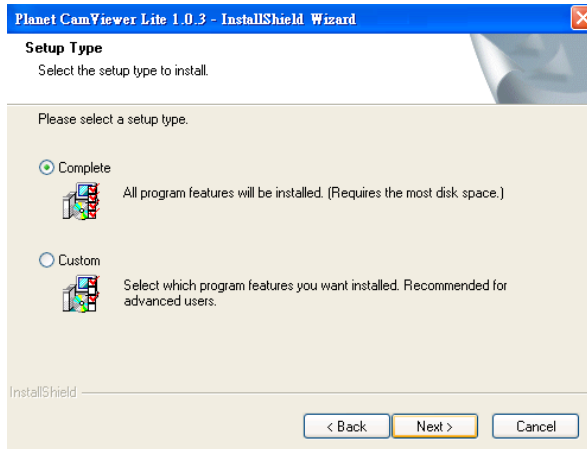


5. Please key in user name and company name for which you want and click "Next" to continue installation.



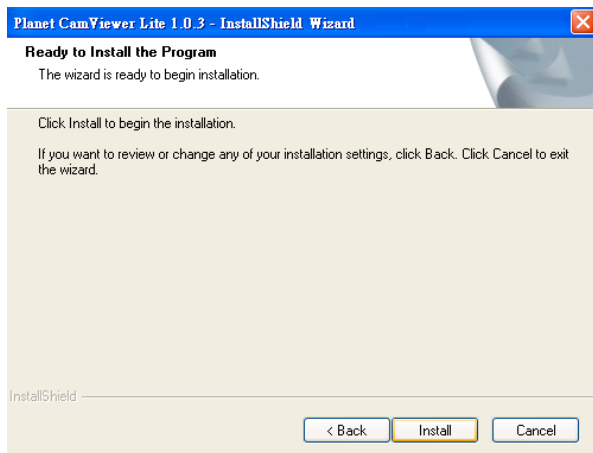
The screenshot shows the 'Customer Information' screen of the Planet CamViewer Lite 1.0.3 - InstallShield Wizard. The window has a blue title bar with the text 'Planet CamViewer Lite 1.0.3 - InstallShield Wizard' and a close button. Below the title bar, the text 'Customer Information' is displayed, followed by 'Please enter your information.' The main area contains the instruction 'Please enter your name and the name of the company for which you work.' There are two text input fields: 'User Name:' with the text 'User' and 'Company Name:' with the text 'PLANET'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a yellow border. The 'InstallShield' logo is visible in the bottom left corner.

6. Check the option "Complete", all program features will be installed (Requires the most disk space) and click "Next" to continue installation.

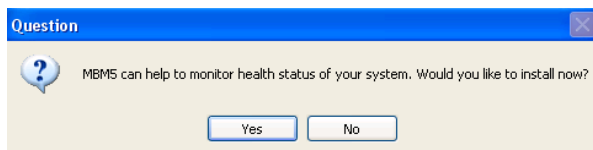


The screenshot shows the 'Setup Type' screen of the Planet CamViewer Lite 1.0.3 - InstallShield Wizard. The window has a blue title bar with the text 'Planet CamViewer Lite 1.0.3 - InstallShield Wizard' and a close button. Below the title bar, the text 'Setup Type' is displayed, followed by 'Select the setup type to install.' The main area contains the instruction 'Please select a setup type.' There are two radio button options: 'Complete' (selected) and 'Custom'. The 'Complete' option is accompanied by a small icon of a folder with a red 'X' and the text 'All program features will be installed. (Requires the most disk space.)'. The 'Custom' option is accompanied by a small icon of a folder with a red 'X' and the text 'Select which program features you want installed. Recommended for advanced users.' At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a yellow border. The 'InstallShield' logo is visible in the bottom left corner.

7. "Ready to Install the Program" will appear to prompt you to start the installation. Please click "Install" to start.



8. Please click "No" to finish the Cam Viewer Lite installation.



In above step, when Cam Viewer works with MBM5 (Motherboard Monitor 5), Cam Viewer will display CPU temperature and fan speed. Please click "Yes" if you need this function and refer to the manual of Cam Viewer CD disk for complete installation.

Appendix A: Feature Listing for Cam Viewer

Software Version	Cam Viewer Lite	Cam Viewer Pro
IP Camera Input	32	4 / 8 / 16 / 32 / 64
Dual Monitor	-	V
Smart Guard	-	V
I/O Device	V	V
Hotline	-	V
Address Book	-	V
Log Viewer	Unusual event System log	Unusual event System log Counting application
Counting Application	-	2 way counting
Remote Playback Server	-	Unlimited
Concurrent Playback	1 Channel	16 Channels
Counting Function	-	V
Smart Search	General Motion	General Motion Missing Object Foreign Object Lose Focus Camera Occlusion
Remote Live Viewer	1 Channel	16 Channel

Appendix B: Suggest Hardware / System Requirement

Total FPS	~600	600~480	480~240	240~120	120~
CPU	Intel Core 2 Duo QX6800	Intel Core 2 Duo E6600	Intel Pentium D 930	Intel P4 3.0	Intel P4 2.8
RAM	4 GB	2 GB	2 GB	1 GB	1 GB
Chipset of Motherboard	Intel 946 or 965 chip, Intel Chipset recommended				
VGA Card	ATI Radeon 9200, nVIDIA GeForce FX-5200, Intel 945/965 or above (ATI recommended)				
Ethernet	100Base-TX or Above, Gigabit LAN recommended				
Hard Disk	160 GB or above				
O.S.	Windows 2000 / XP / 2003				

Total FPS: Means all the cameras will spend how many frames when this software works. Suppose there are 10 cameras, each one will work with 30fps, the total fps should be 300fps.

Appendix C: Ordering Information for Cam Viewer Pro

Model	Description
CVP- 4	4-Channel Cam Viewer Professional
CVP- 8	8-Channel Cam Viewer Professional
CVP-16	16-Channel Cam Viewer Professional
CVP-32	32-Channel Cam Viewer Professional
CVP-64	64-Channel Cam Viewer Professional

Further configuration and information can be found in the user's manual CD. Please check the user's manual for more understanding.